

Title (en)

A plant for transmitting electric power, with regulation of reactive power

Title (de)

Anlage zur elektrischen Kraftübertragung, mit Blindleistungsreglung

Title (fr)

Installation de transmission d'énergie électrique, avec commande de puissance réactive

Publication

EP 0868000 A1 19980930 (EN)

Application

EP 98104256 A 19980310

Priority

SE 9701061 A 19970324

Abstract (en)

In a plant for transmitting electric power between a direct voltage network (1) and an alternating voltage network (4) through a station (2) members (14) are adapted to compare the amplitude of reference alternating voltage with the direct voltage on the direct voltage side of the station between the two poles of the direct voltage network and when the quotient reference alternating voltage amplitude/half of said direct voltage exceeds a predetermined value to send a signal to a control apparatus included in the station, which is adapted to interpret the receipt of such a signal as an order of increased consumption of reactive power of the alternating voltage side of the station and control a converter (6) in accordance with this order. <IMAGE>

IPC 1-7

H02J 3/18; **H02J 5/00**; **H02J 3/36**; **H02M 1/12**; **H02J 3/01**

IPC 8 full level

H02J 3/36 (2006.01); **H02J 5/00** (2006.01); **H02M 7/5395** (2006.01); **H02M 7/757** (2006.01)

CPC (source: EP US)

H02J 5/00 (2013.01 - EP); **H02M 7/5395** (2013.01 - EP US); **H02M 7/7575** (2013.01 - EP US); **Y02E 60/60** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5535113 A 19960709 - KONISHI HIROO [JP]
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- [Y] XP002900133

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WO2012164116A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0868000 A1 19980930; **EP 0868000 B1 20080430**; CA 2219326 A1 19980924; CA 2219326 C 20020618; DE 69839410 D1 20080612; DE 69839410 T2 20090528; JP H10304574 A 19981113; SE 518307 C2 20020924; SE 9701061 D0 19970324; SE 9701061 L 19980925; US 5917718 A 19990629

DOCDB simple family (application)

EP 98104256 A 19980310; CA 2219326 A 19971113; DE 69839410 T 19980310; JP 7558898 A 19980324; SE 9701061 A 19970324; US 95076397 A 19971015